

SEQUENCE LISTING

<110> LEDERMAN, et al. Dr., Seth

<120> ISOLATED FRAGMENTS OF p62 NUCLEOPORIN AND USES THEREOF

<130> Columbia University Sequence Listing

<140>

<141>

<160> 2

<170> PatentIn Ver. 2.1

<210> 1

<211> 393

<212> PRT

<213> Saccharomyces cerevisiae

<400> 1

Met Ser Gly Phe Asn Phe Gly Gly Thr Gly Ala Pro Thr Gly Gly Phe
1 5 10 15

Thr Phe Gly Thr Ala Lys Thr Ala Thr Thr Thr Pro Ala Thr Gly Phe
20 25 30

Ser Phe Ser Thr Ser Gly Thr Gly Gly Phe Asn Phe Gly Ala Pro Phe
35 40 45

Gln Pro Ala Thr Ser Thr Pro Ser Thr Gly Leu Phe Ser Leu Ala Thr
50 55 60

Gln Thr Pro Ala Thr Gln Thr Thr Gly Phe Thr Phe Gly Thr Ala Thr
65 70 75 80

Leu Ala Ser Gly Gly Thr Gly Phe Ser Leu Gly Ile Gly Ala Ser Lys
85 90 95

Leu Asn Leu Ser Asn Thr Ala Ala Thr Pro Ala Met Ala Asn Pro Ser
100 105 110

Gly Phe Gly Leu Gly Ser Ser Asn Leu Thr Asn Ala Ile Ser Ser Thr
115 120 125

Val Thr Ser Ser Gln Gly Thr Ala Pro Thr Gly Phe Val Phe Gly Pro
130 135 140

[illegible]

Leu Ile Asn Lys Trp Ser Leu Glu Leu Glu Asp Gln Glu Arg His Phe
1 5 10 15

Leu Gln Gln Ala Thr Gln Val Asn Ala Trp Asp Arg Thr Leu Ile Glu
20 25 30

Asn Gly Glu Lys Ile Thr Ser Leu His Arg Glu Val Glu Lys Val Lys
35 40 45

Leu Asp Gln Lys Arg Leu Asp Gln Glu Leu Asp Phe Ile Leu Ser Gln
50 55 60

Gln Lys Glu Leu Glu Asp Leu Leu Ser Pro Leu Glu Glu Leu Val Lys
65 70 75 80

Glu Gln Arg Ala Thr Ile Tyr Leu Gln His Ala Asp Glu Glu Arg Gln
85 90 95

Lys Thr Tyr Lys Leu Ala Glu Asn Ile Asp Ala Gln Leu Lys Arg Met
100 105 110

Ala Gln Asp Leu Lys Asp Ile Ile Glu His Leu Asn Thr Ser Gly Ala
115 120 125

Pro Ala Asp Thr Ser Asp Pro Leu Gln Gln Ile Cys Lys Ile Leu Asn
130 135 140

Ala His Met Asp Ser Leu Gln Trp Ile Asp Gln Asn Ser Ala Leu Leu
145 150 155 160

Gln Arg Lys Val Glu Glu Val Thr Lys Val Cys Val Gly Arg Arg Lys
165 170 175

Glu Gln Glu Arg Ser Phe Arg Ile Thr Phe Asp
180 185